

## **METHOD AND APPARATUS FOR SHORT-TERM PREDICTION OF CONVECTIVE WEATHER**

### Abstract of the Disclosure

A method and apparatus for forecasting the likely occurrence of convective weather events, such as thunderstorms. An image filter is used to identify areas of interest within a meteorological image that are likely to contain convective weather. The image filter and an image difference processor identify areas within the meteorological image that are likely to experience a growth and/or decay of weather events. The meteorological image, interest image and growth/decay image are processed to produce the short-term forecast.